

11. The ignition actuation mechanism as defined in claim 10 wherein said holder member and said torsion plates are integrally molded together from polyacetal resin.

12. A spark ignition actuation mechanism for a lighter to ignite fuel gas when an actuation member is pressed including:

a first elastic member positioned to resist pressing movement of the actuation member having:

a first spring rate; and

a second elastic member positioned to act in parallel with said first elastic member to resist pressing movement of the actuation member having:

a second spring rate higher than said first spring rate, said second elastic member being positioned for engagement to resist pressing movement of the actuation member after a first portion of the pressing movement has occurred, whereby the effective spring rate to resist pressing movement of the actuation member increases sharply during a second later portion of the pressing movement.

13. The spark ignition actuation mechanism as defined in claim 12 including:

a piezoelectric mechanism for generating the spark having:

an actuation end; and

the actuation member, said actuation member being slidably mounted to operate said actuation end.

14. The spark ignition actuation mechanism as defined in claim 13 wherein said second elastic member engages to resist actuation movement of the actuation member when 40% to 10% of the actuation movement remains.

15. The spark ignition actuation mechanism as defined in claim 13 wherein the maximum force to resist the actuation operation caused by the combined first and second spring rates is 30N to 50N.

16. The spark ignition actuation mechanism as defined in claim 13 wherein said first elastic member is positioned as part of said piezoelectric mechanism.

17. The spark ignition actuation mechanism as defined in claim 12 wherein said second elastic member is at least one flexible finger integrally formed with said actuation member.

18. The spark ignition actuation mechanism as defined in claim 17 wherein said actuation member and said at least one flexible finger are integrally molded from polyacetal resin.

19. The spark ignition actuation mechanism as defined in claim 12 wherein said second elastic member is at least one flexible finger positioned for acting on said actuation member.